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A packet scheduling apparatus made it possible to always hold priority orders determined in advance for preferentially controlled priority queues while guaranteeing reserved bandwidths for bandwidth guaranteed queues. This packet scheduling apparatus is configured by a service time computing unit for computing service times for bandwidth guaranteed queues and priority queues having high priority orders based on input plurality of predetermined parameters, a service time comparing unit for comparing magnitudes of the computed service times with each other and selecting the packet to be output first, and a parameter generating unit for generating the parameters computed so as to achieve both a bandwidth guarantee and preferential control.